

		Atty. Docket No. 1240D3	Serial No. 10/608,486
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)		Applicant Charles B. Greenberg et al.	
		Filing Date June 27, 2003	Group 1731

## U.S. PATENT DOCUMENTS

Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
<i>[initials]</i>	AA	3,630,796	12/71	Yokozawa et al.			
	AB	4,017,661	4/77	Gillery			
	AC	4,112,142	9/78	Schroder et al.	427	166	
	AD	4,238,276	12/80	Kinugawa et al.			
	AE	4,329,379	5/82	Terneu et al.	427	166	
	AF	4,351,267	9/82	Kalbskopf et al.	118	718	
	AG	4,379,040	4/83	Gillery			
	AH	4,485,146	11/84	Mizuhashi et al.			
	AI	4,544,470	10/85	Hetrick			
	AJ	4,751,149	6/88	Viyayakumar et al.	428	702	
<i>[initials]</i>	AK	4,878,934	11/89	Thomas et al.	65	60.52	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No
<i>[initials]</i>	AL	1 523 991	9/78	Great Britain			
	AM	1 524 326	9/78	Great Britain			
<i>[initials]</i>	AN	2 150 044	6/85	Great Britain			
<i>[initials]</i>	AO	63-100042	5/88	Japan			X
<i>[initials]</i>	AP	0 581 216	2/94	EPO			
<i>[initials]</i>	AQ	0 590 477	4/94	EPO			

## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

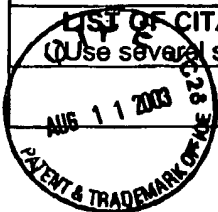
<i>[initials]</i>	AR	J. Papp et al., "Titanium(IV) Oxide Photocatalysts with Palladium", <i>Chem. Mater.</i> 1993, 5, pp. 284-288
<i>[initials]</i>	AS	T. Watanabe et al., "Photocatalytic Activity of TiO <sub>2</sub> Thin Film Under Room Light", <i>Photocatalytic Purification and Treatment of Water and Air</i> , 1993, pp. 747-751
<i>[initials]</i>	AT	W. Xu et al., "Preparation and Characterization of TiO <sub>2</sub> Films by a Novel Spray Pyrolysis Method", <i>Mat. Res. Bull.</i> , Vol. 25, (1990), pp. 1385-1392

Examiner <i>[Signature]</i>	Date Considered 11/19/04
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*f* not submitted; not considered

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## U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
<i>me</i>	AA	4,888,038	12/89	Herrington et al.			
	AB	4,892,712	1/90	Robertson et al.			
	AC	4,898,789	2/90	Finley			
	AD	4,971,843	11/90	Michelotti et al.	428	34	
	AE	4,997,576	3/91	Heller et al.	210	748	
	AF	5,028,568	7/91	Anderson et al.			
	AG	5,032,241	7/91	Robertson et al.			
	AH	5,035,784	6/91	Anderson et al.			
	AI	5,041,150	8/91	Grundy et al.	65	60/51	
	AJ	5,165,972	11/92	Porter			
<i>me</i>	AK	5,194,161	3/93	Heller et al.	210	748	

## FOREIGN PATENT DOCUMENTS

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<i>me</i>	AL	0 684 075	11/95	EPO				
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<i>me</i>	AN	97/07069	2/97	PCT				
<i>me</i>	AO	97/10185	3/97	PCT				
<i>me</i>	AP	97/10186	3/97	PCT				
<i>me</i>	AQ	0 770 579	5/97	EPO				

## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>me</i>	AR	V. Chhabra et al., "Synthesis, Characterization, and Properties of Microemulsion-Mediated Nanophase TiO <sub>2</sub> Particles", <i>Langmuir</i> , Vol. 11, No. 9 (1995), pp. 3307-3311
<i>me</i>	AS	N. Negishi et al., "Preparation of Transparent TiO <sub>2</sub> Thin Film Photocatalyst and Its Photocatalytic Activity", <i>Chemistry Letters</i> 1995, pp. 841-842
<i>me</i>	AT	M. Anpo et al., "Photoluminescence and Photocatalytic Activity of Highly-Dispersed Titanium Oxide Anchored onto Porous Vycor Glass", <i>J. Phys. Chem</i> 1985, 89, pp. 5017-5021

Examiner <i>[Signature]</i>	Date Considered <i>11/19/04</i>
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## U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	5,256,616	10/93	Heller et al.	502	350	
	AB	5,304,394	4/94	Sauvinet et al.			
	AC	5,308,458	5/94	Urwin et al.	204	157.6	
	AD	5,308,805	5/94	Baker et al.			
	AE	5,342,676	8/94	Zagdoun	428	216	
	AF	5,348,805	9/94	Zagdoun et al.	428	432	
	AG	5,368,892	11/94	Berquier			
	AH	5,389,427	2/95	Berquier			
	AI	5,393,593	2/95	Gulotta et al.	428	220	
	AJ	5,478,783	12/95	Higby et al.			
	AK	5,505,989	4/96	Jenkinson	427	166	

## FOREIGN PATENT DOCUMENTS

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	AL	0 780 158	6/97	EPO				
	AM	97/23572	7/97	PCT				
	AN	0 820 967	1/98	EPO				
	AO	98/06675	2/98	PCT				
	AP	98/27021	6/98	PCT			EP Equiv.	
	AQ	98/41480	9/98	PCT			0 882 686	

## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	K. G. Geraghty et al., "Kinetics of the Reactive Sputter Deposition of Titanium Oxides", <i>Journal of the Electrochemical Society</i> (1976), pp. 1201-1207
	AS	Y. Takahashi et al., "Rutile Growth at the Surface of TiO <sub>2</sub> Films Deposited by Vapour-phase Decomposition of Isopropyl Titanate", <i>J. Chem. Soc., Faraday Trans. 1</i> , 1985, 81, pp. 3117-3125
	AT	Y. Takahashi, "Chemical Vapour Deposition of TiO <sub>2</sub> Film Using an Organometallic Process and its Photoelectrochemical Behaviour", <i>J. Chem. Soc. Faraday Trans. 1</i> , 1981, 77, pp. 1051-1057

Examiner 	Date Considered 11/19/04
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<i>[initials]</i>	AA	5,514,454	5/96	Boire et al.	<del>428</del>	<del>216</del>	
	AB	5,525,406	6/96	Goodman et al.			
	AC	5,547,823	8/96	Murasawa et al.	430	531	
	AD	5,580,364	12/96	Goodman et al.	65	60.2	
	AE	5,595,813	1/97	Ogawa et al.	428	212	
	AF	5,616,532	4/97	Heller et al.	502	242	
	AG	5,618,579	4/97	Boire et al.			
	AH	5,643,436	7/97	Ogawa et al.	205	324	
	AI	5,698,262	12/97	Soubeyrand et al.			
	AJ	5,735,922	4/98	Woodward et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	AK	5,745,291	4/98	Jenkinson			

## FOREIGN PATENT DOCUMENTS

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<i>[initials]</i>	AO	00/69784	11/00	PCT				
<i>[initials]</i>	AP	00/75087	12/00	PCT				
<i>[initials]</i>	AQ	5-253544		Japan	<i>[initials]</i>	<i>[initials]</i>	X	
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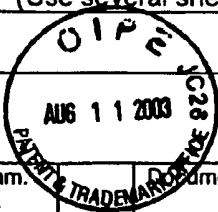
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	AR	Y. Takahashi et al., "Electrical and Electrochemical Properties of TiO <sub>2</sub> Films Grown by Organometallic Chemical Vapour Deposition", <i>J. Chem. Soc. Faraday Trans. 1</i> , 1982, 78, pp. 2563-2571
<i>[initials]</i>	AS	B. Samuneva et al., "Sol-gel processing of titanium-containing thin coatings, Part I Preparation and structure", <i>Journal of Materials Science</i> 28 (1993), pp. 2353-2360
<i>[initials]</i>	AT	C. Trapalis et al., "Sol-gel processing of titanium-containing thin coatings, Part II XPS Studies", <i>Journal of Materials Science</i> 28 (1993), pp. 1276-1282

Examiner <i>11/19/04 [signature]</i>	Date Considered
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## U.S. PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
<i>sh</i>	AA 5,749,931	5/98	Goodman et al.			
	AB 5,751,484	5/98	Goodman et al.			
	AC 5,755,845	5/98	Woodward et al.			
	AD 5,755,867	5/98	Chikuni et al.	106	287.16	
	AE 5,764,415	6/98	Nelson et al.			
	AF 5,773,086	6/98	McCurdy et al.			
	AG 5,853,866	12/98	Watanabe et al.	428	312.8	
	AH 5,854,169	12/98	Heller et al.	502	242	
	AI 5,854,708	12/98	Komatsu et al.	359	512	
<i>sh</i>	AJ 5,869,187	2/99	Nakamura et al.	428	428	
<i>sh</i>	AK 5,939,194	8/99	Hashimoto et al.	428	411.1	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
<i>sh</i>	AL 08119673	5/96	Japan			abstract
<i>sh</i>	AM 08164334	6/96	Japan			abstract
<i>sh</i>	AN 08313705	11/96	Japan			abstract
<i>sh</i>	AO 61-91041	5/86	Japan			abstract
<i>sh</i>	AP 61-91042	5/86	Japan			abstract
<i>sh</i>	AQ 61-91043	5/86	Japan			abstract

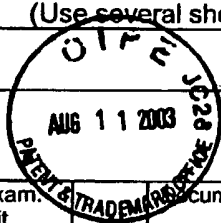
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>sh</i>	AR	V. Kozhukharov et al., "Sol-gel processing of titanium-containing thin coatings, Part III Properties", <i>Journal of Materials Science</i> 28 (1993), pp. 1283-1288
<i>sh</i>	AS	S. Sitkiewitz et al., "Photocatalytic oxidation of benzene and stearic acid on sol-gel derived TiO <sub>2</sub> thin films attached to glass", <i>New J. Chem.</i> , 1996, 20, pp. 233-241
<i>sh</i>	AT	G. Colon et al., "Photocatalytic deactivation of commercial TiO <sub>2</sub> sample during simultaneous photoreduction of Cr(VI) and photooxidation of salicylic acid", <i>Journal of Photochemistry and Photobiology A: Chemistry</i> 138 (2001), pp. 79-85

Examiner <i>sh</i>	Date Considered 11/19/04
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## U.S. PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
AA	5,939,201	8/99	Boire et al.			
AB	5,961,843	10/99	Hayakawa et al.			
AC	5,980,983	11/99	Gordon	427	226	
AD	6,001,462	12/99	Purvis et al.			
AE	6,013,372	1/00	Hayakawa et al.	428	411.1	
AF	6,027,766	2/00	Greenberg et al.	427	226	
AG	6,027,797	2/00	Watanabe et al.	428	312.8	
AH	6,037,289	3/00	Chopin et al.	502	2	
AI	6,045,896	4/00	Boire et al.			
AJ	6,054,227	4/00	Greenberg et al.	428	701	
AK	6,068,914	5/00	Boire et al.			

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
AL	0 636 702	2/95	EPO			
AM	2000-226234	8/00	Japan			X
AN	95/10839	9/95	France			X
AO	302173/1993	11/93	Japan			X
AP	91042/1986	5/86	Japan			X
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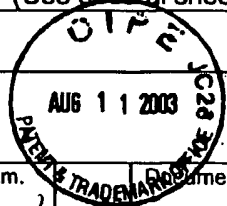
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	I. Sopyan et al., "Highly Efficient TiO <sub>2</sub> Film Photocatalyst, Degradation of Gaseous Acetaldehyde", <i>Chemistry Letters</i> (1994) pp. 723-726
AS	A. Heller, "Chemistry and Applications of Photocatalytic Oxidation of Thin Organic Films", <i>Acc. Chem. Res.</i> (1995), pp. 503-508
AT	Y. Paz et al., "Photooxidative self-cleaning transparent titanium dioxide films on glass", <i>J. Mater. Res.</i> , Vol. 10, No. 11, Nov. 1995, pp. 2842-2848

Examiner 	Date Considered 11/19/04
--------------	-----------------------------

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<i>[initials]</i>	AA 6,074,981	6/00	Tada et al.	502	<del>224</del>	
<i>[initials]</i>	AB 6,090,489	7/00	Hayakawa et al.	428	409	
<i>[initials]</i>	AC 6,103,360	8/00	Caldwell et al.			
<i>[initials]</i>	AD 6,103,363	8/00	Boire et al.	428	325	
<i>[initials]</i>	AE 6,106,955	8/00	Ogawa et al.			
<i>[initials]</i>	AF 6,165,256	12/00	Hayakawa et al.	106	13	
<i>[initials]</i>	AG 6,191,062 B1	2/01	Hayakawa et al.	502	159	
<i>[initials]</i>	AH 6,210,779	4/01	Watanabe et al.			
<i>[initials]</i>	AI 6,228,480	5/01	Kimura et al.			
<i>[initials]</i>	AJ 6,238,738 B1	5/01	McCurdy	427	255/19	
<i>[initials]</i>	AK 6,294,246	9/01	Watanabe et al.			

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
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AM						
AN						
AO						
AP						
AQ						

## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	AR	H. Tada, "Photoinduced Oxidation of Methylsiloxane Monolayers Chemisorbed on TiO <sub>2</sub> ", <i>Langmuir</i> 1996, 12, pp. 966-971
<i>[initials]</i>	AS	Y. Takahashi, "Dip-coating of TiO <sub>2</sub> films using a sol derived from Ti(O-i-Pr) <sub>4</sub> -diethanolamine-H <sub>2</sub> O-i-PrOH system", <i>Journal of Materials Science</i> 23 (1988), pp. 2259-2266
<i>[initials]</i>	AT	M. Takahashi, "Pt-TiO <sub>2</sub> thin films on glass substrates as efficient photocatalysts", <i>Journal of Materials Science</i> 24 (1989), pp. 243-246

Examiner <i>[signature]</i>	Date Considered 11/19/04
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AA	6,294,247	9/01	Watanabe et al.			
AB	6,322,881	11/01	Boire et al.			
AC	6,326,079	12/01	Philippe et al.			
AD	6,387,844	5/02	Fujishima et al.			
AE	6,413,581	7/02	Greenberg et al.			
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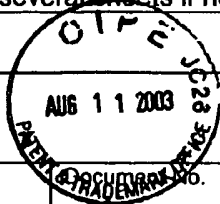
AR	S. Sato, "Photochemical properties of Ultrathin TiO <sub>2</sub> Films Prepared by Chemical Vapor Deposition", <i>Journal of Photochemistry and Photobiology, A: Chemistry</i> , 50 (1989) pp. 283-290
AS	"Transparent, Photocatalytic TiO <sub>2</sub> Film Formed on Glass", <i>Japan Chemical Week</i> , December 15, 1994, pps. 1, 2, 4, 8
AT	"Solar Control Glazing News From Glaverbel", <i>Glass</i> , Nov. 1993

Examiner 	Date Considered 11/19/04
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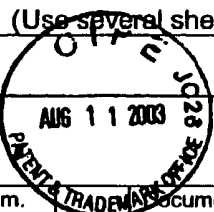
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

*	AR	"SSG Antelio Solar Control Glass", <i>Saint-Gobain Glass Comfort</i> , undated
*	AS	Hass, Georg, "Oxide Layers Deposited from Organic Solutions", <i>Physics of Thin Films</i> , 1969, pp. 87 and 105-115, vol. 5, Academic Press, New York and London
	AT	Kamata, Kiichiro et al., "Rapid Formation of TiO <sub>2</sub> Films by a Conventional CVD Method", <i>Journal of Materials Science, Letters</i> 9, 1990, pp. 316-319, Chapman and Hall Ltd.

Examiner 	Date Considered 11/19/04
-------------------------------------------------------------------------------------------------	-----------------------------

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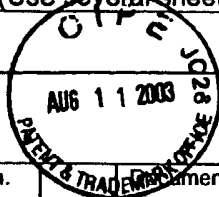
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Hass, George et al., <i>Physics of Thin Films</i> , vol. 5, Academic Press, New York, 1969, p. 237, pp. 304-406
AS	Pierson, Hugh O., <i>Handbook of Chemical Vapor Deposition (CVD)</i> , Noyes Publications, Park Ridge, NJ, 1992, pp. 231-237
AT	Fukayama, S. et al., "Highly Transparent and Photoactive TiO <sub>2</sub> Thin Film Coated on Glass Substrate", <i>187th Electrochemical Society Meeting, Abstract No. 735, Extended Abstracts 95-1</i> , (available at least by Mar. 1995), pp. 1102-1103

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## U.S. PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA					
	AB					
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## FOREIGN PATENT DOCUMENTS

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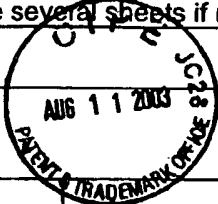
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Weinberger, B. R. et al., "Titanium Dioxide Photocatalysts Produced by Reactive Magnetron Sputtering", <i>Appl. Phys. Lett.</i> 66, 1995, pp. 2409-2411
	AS	Kiernan, Vincent, "A Clearer View for Car Drivers", <i>New Scientist</i> , Aug. 26, 1995, p. 19
	AT	U.S. Provisional Patent Application Serial No. 60/040,565 filed March 14, 1997

Examiner 	Date Considered 11/19/04
--------------	-----------------------------

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		Atty. Docket No. 1240D3	Serial No. 10/608,486
<b>LIST OF CITATIONS BY APPLICANT</b> (Use several sheets if necessary)		Applicant Charles B. Greenberg et al.	
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## U.S. PATENT DOCUMENTS

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	AA					
	AB					
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	AJ					
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation
						Yes No
<i>dm</i>	AL 0 544 577	6/93	EP (English abstract)			X
<i>*</i>	AM 7-99425	3/95	Japan			X
<i>*</i>	AN 7-117600	4/95	Japan			X
<i>*</i>	AO 7-182019	6/95	Japan			X
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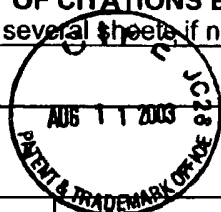
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>dm</i>	AR	D. R. Uhlmann, "Glass: Science and Technology", Vol. 2, Processing I, pages 253-284 (1984)
<i>*</i>	AS	GlassFAQs, Glass FACTS.com, pg 1-5 <i>no date</i>
<i>*</i>	AT	JP 88-158890, Abstract Only, Derwent JP 860243762, "Glass Article Difficult Soil Coating Thin Titanium Dioxide Coating Contain Platinum@Rhodium Palladium@.

Examiner <i>Wuo</i>	Date Considered <i>11/19/04</i>
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## U.S. PATENT DOCUMENTS

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	AA					
	AB					
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
AL	0 071 865	2/83	EP			
AM	96/13327	5/96	WIPO (6,387,844)			X
AN	96/29375	9/96	WIPO (English abstract)			X
AO	9-173783	7/97	Japan (English abstract)			X
AP	9-227157	9/97	Japan (English abstract)			X
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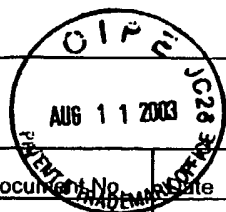
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Chemical Abstracts, 116-89812a, Sokolov, et al. "Selective Activation of Smooth Surfaces of Glass and Ceramic Articles Before Chemical Metalization," Abstract only
AS	K. Hashimoto et al., TiO <sub>2</sub> Coated Glass with Self-Cleaning Function, Kagaku To Kogyo (Chemistry and Industry), vol. 48, No. 10, p. 1256-1258 (1995)
AT	04/03/00 Letter From Mrs. Colette Ward, Patent Litigation Enquiries, British Library

Examiner 	Date Considered 11/19/04
--------------	-----------------------------

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	AA						
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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>ju</i>	AL	9-235140	9/97	Japan (English abstract)				X
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<i>ju</i>	AO	2 320 503	6/98	Great Britain				
<i>ju</i>	AP	2 324 098	10/98	Great Britain				
<i>ju</i>	AQ	9-241037	2/99	Japan (English abstract)				X

## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ju</i>	AR	Robert J. Good et al. The Modern Theory of Contact Angles and the Hydrogen Bond Components of Surface Energies in Modern Approaches to Wettability, Theory and Applications, pp 1-3, Schrader et al. Eds.
<i>ju</i>	AS	H. H. Dunken, Glass Surfaces, Treatise on Materials Science and Technology, Vo. 22, pp. 1-75, 1982
<i>ju</i>	AT	The Japan Times, May 21, 2002, Tuesday, Race for Technology, pp. 2-5, from LexisNexis

Examiner <i>[Signature]</i>	Date Considered 11/19/04
--------------------------------	-----------------------------

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	AB					
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes	No
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AN	01/72652	10/01	WIPO				
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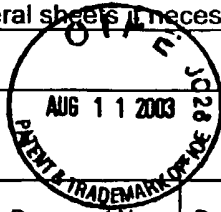
## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Yusumori et al., Preparation of TiO <sub>2</sub> Fine Particles Supported on Silica Gel as Photocatalyst, Journal of the Ceramic Society of Japan, 102 (1994) pp. 702-707
AS	Wold; Photocatalytic Properties of TiO <sub>2</sub> , Chem. Mater., 1993, 5, pp. 280-283
AT	Bach et al.; Kristallstruktur und Optische Eigenschaften von Dunnen Organogenen Titanoxyd-Schichten Auf Glasunterlagen [Crystal Structure and Optical Properties of Thin Organogenic Titanium Oxide Layers on Glass Substrates], Thin Solid Films 1 (1967/68), pp. 255-276,

Examiner 	Date Considered 11/19/04
-------------------------------------------------------------------------------------------------	-----------------------------

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## U.S. PATENT DOCUMENTS

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	AD						
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	AK						

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							Yes	No
<i>sw</i>	AL	0 348 185	12/89	EP				
<i>sw</i>	AM	0 633 064	1/95	EP				
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<i>sw</i>	AO	0 489 621	6/92	EP				
<i>sw</i>	AP	95/15816	6/95	WIPO				
<i>sw</i>	AQ	7-3463	1/95	Japan (English abstract)				X

## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

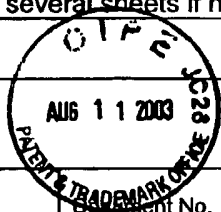
<i>sw</i>	AR	Meng et al.; The Effect of Substrate Temperature on the Properties of Sputtered Titanium Oxide Films, Applied Surface Science 65/66 (1993) pp. 235-239
<i>sw</i>	AS	Yoko et al.; Sol-Gel-Derived TiO <sub>2</sub> Film Semiconductor Electrode for Photocleavage of Water, J. Electrochem Soc., vol. 138(8), Aug.1991, pp. 2279-2284
<i>sw</i>	AT	Oxide Layers Deposited from Organic Solutions, H. Schroeder in Physics of Thin Films: Advances in Research and Development, pp. 105-112, vol. 5, 1969 Academic Press

Examiner <i>sw</i>	Date Considered 11/19/04
-----------------------	-----------------------------

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**U.S. PATENT DOCUMENTS**


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	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Class	Subclass	Translation Yes	No
X	AL 1-218635	2/88	Japan				
X	AM 7-1111047	4/95	Japan				
X	AN 6-650125	3/94	Japan				
	AO						
	AP						

**OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)**

X	AR	A Structural Investigation of Titanium Dioxide Photocatalysts, Bickley et al., Journal of State Chemistry 92, 1991, pp. 178-190
X	AS	U.S. Patent Application Serial No. 10/075,316 filed February 14, 2002
X	AT	U.S. Provisional Patent Application Serial No. 60/040,566 filed March 14, 1997

Examiner 	Date Considered 11/19/04
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